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SEQUENCE LISTING

<110> MIZUTANI, Shuki YAMADA, Takayuki

<120> Transcription regulating factors

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<150> JP 2002-217233

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Pro Tyr Glu Glu Glu Ile Met Arg Asn Gln Phe Ser Val Lys Cys Trp
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Leu Arg Tyr Ile Glu Phe Lys Gln Gly Ala Pro Lys Pro Arg Leu Asn
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Gln Leu Tyr Glu Arg Ala Leu Lys Leu Leu Pro Cys Ser Tyr Lys Leu

55 60 65 70

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Trp Tyr Arg Tyr Leu Lys Ala Arg Arg Ala Gln Val Lys His Arg Cys

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Phe	Val	Phe	Met	His	Lys	Met	Pro	Arg	Leu	Trp	Leu	Asp	Tyr	Cys	Gln	
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Phe	Leu	Met	Asp	Gln	Gly	Arg	Val	Thr	His	Thr	Arg	Arg	Thr	Phe	Asp	
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Arg	Ala	Leu	Arg	Ala	Leu	Pro	Ile	Thr	Gln	His	Ser	Arg	Ile	Trp	Pro	
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Leu	Tyr	Leu	Arg	Phe	Leu	Arg	Ser	His	Pro	Leu	Pro	G1u	Thr	Ala	Val	
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Arg	Gly	Tyr	Arg	Arg	Phe	Leu	Lys	Leu	Ser	Pro	Glu	Ser	Ala	Glu	Glu	
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Lys	Ser	Asn	Tyr	Gln	Leu	Trp	His	Glu	Leu	Cys	Asp	Leu	Ile	Ser	Gln	
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Met	Glu	Thr	Ala	Ser	Glu	Leu	Gly	Arg	Glu	Glu	Glu	Asp	Asp	Val	Asp	
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Leu	Glu	Leu	Arg	Leu	Ala	Arg	Phe	Glu	Gln	Leu	Ile	Ser	Arg	Arg	Pro	
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Leu	Leu	Leu	Asn	Ser	Val	Leu	Leu	Arg	Gln	Asn	Pro	His	His	Val	His	
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Glu	Trp	His	Lys	Arg	Val	Ala	Leu	His	G1n	Gly	Arg	Pro	Arg	Glu	Ile	
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Asp	Asn	Gly	Gln	Leu	Asp	Asp	Ala	Arg	Val	Ile	Leu	Glu	Lys	Ala	Thr	
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Lys	Val	Asn	Phe	Lys	Gln	Val	Asp	Asp	Leu	Ala	Ser	Val	Trp	Cys	Gln	
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Cys	Gly	Glu	Leu	Glu	Leu	Arg	His	Glu	Asn	Tyr	Asp	Glu	Ala	Leu	Arg	
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ctg	ctg	cga	aag	gcc	acg	gcg	ctg	cct	gcc	cgc	cgg	gcc	gag	tac	ttt	1446
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Asp	G1y	Ser	Glu	Pro	Val	Gln	Asn	Arg	Val	Tyr	Lys	Ser	Leu	Lys	Val	
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$7 \diagup 1 7$

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Gln	Ile	Val	Ile	Asn	Tyr	Ala	Met	Phe	Leu	Glu	Glu	His	Lys	Tyr	Phe	
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Ala	Leu	Asp	Gly	Cys	Pro	Pro	Lys	Tyr	Ala	Lys	Thr	Leu	Tyr	Leu	Leu	
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ctg gag cag cag agc gtg cca gcc gca gtg ttt ggg agc ctg aag gaa 2598 Leu Glu Gln Gln Ser Val Pro Ala Ala Val Phe Gly Ser Leu Lys Glu 840 845 850

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Asp
855

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Phe Ser Val Lys Cys Trp Leu Arg Tyr Ile Glu Phe Lys Gln Gly Ala

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Pro Lys Pro Arg Leu Asn Gln Leu Tyr Glu Arg Ala Leu Lys Leu Leu 50 55 60

Pro Cys Ser Tyr Lys Leu Trp Tyr Arg Tyr Leu Lys Ala Arg Arg Ala
65 70 75 80

Gln Val Lys His Arg Cys Val Thr Asp Pro Ala Tyr Glu Asp Val Asn
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Asn Cys His Glu Arg Ala Phe Val Phe Met His Lys Met Pro Arg Leu
100 105 110

Trp Leu Asp Tyr Cys Gln Phe Leu Met Asp Gln Gly Arg Val Thr His

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120
125

Thr Arg Arg Thr Phe Asp Arg Ala Leu Arg Ala Leu Pro Ile Thr Gln
130 135 140

His Ser Arg Ile Trp Pro Leu Tyr Leu Arg Phe Leu Arg Ser His Pro

Leu Pro Glu Thr Ala Val Arg Gly Tyr Arg Arg Phe Leu Lys Leu Ser Pro Glu Ser Ala Glu Glu Tyr Ile Glu Tyr Leu Lys Ser Ser Asp Arg Leu Asp Glu Ala Ala Gln Arg Leu Ala Thr Val Val Asn Asp Glu Arg Phe Val Ser Lys Ala Gly Lys Ser Asn Tyr Gln Leu Trp His Glu Leu Cys Asp Leu Ile Ser Gln Asn Pro Asp Lys Val Gln Ser Leu Asn Val Asp Ala Ile Ile Arg Gly Gly Leu Thr Arg Phe Thr Asp Gln Leu Gly Lys Leu Trp Cys Ser Leu Ala Asp Tyr Tyr Ile Arg Ser Gly His Phe Glu Lys Ala Arg Asp Val Tyr Glu Glu Ala Ile Arg Thr Val Met Thr

Val	Arg	Asp	Phe	Thr	Gln	Val	Phe	Asp	Ser	Tyr	Ala	Gln	Phe	Glu	Glu
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Ser Met Ile Ala Ala Lys Met Glu Thr Ala Ser Glu Leu Gly Arg Glu 305 310 315 320

Glu Glu Asp Asp Val Asp Leu Glu Leu Arg Leu Ala Arg Phe Glu Gln
325 330 335

Leu Ile Ser Arg Arg Pro Leu Leu Leu Asn Ser Val Leu Leu Arg Gln
340 345 350

Asn Pro His His Val His Glu Trp His Lys Arg Val Ala Leu His Gln
355 360 365

Gly Arg Pro Arg Glu Ile Ile Asn Thr Tyr Thr Glu Ala Val Gln Thr 370 375 380

Val Asp Pro Phe Lys Ala Thr Gly Lys Pro His Thr Leu Trp Val Ala 385 390 395 400

Phe Ala Lys Phe Tyr Glu Asp Asn Gly Gln Leu Asp Asp Ala Arg Val
405 410 415

Ile Leu Glu Lys Ala Thr Lys Val Asn Phe Lys Gln Val Asp Asp Leu
420 425 430

Ala	Ser	Val	Trp	Cys	Gln	Cys	Gly	Glu	Leu	Glu	Leu	Arg	His	Glu	Asr
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Tyr Asp Glu Ala Leu Arg Leu Leu Arg Lys Ala Thr Ala Leu Pro Ala
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455
460

Arg Arg Ala Glu Tyr Phe Asp Gly Ser Glu Pro Val Gln Asn Arg Val
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Tyr Lys Ser Leu Lys Val Trp Ser Met Leu Ala Asp Leu Glu Glu Ser
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500 505 510

Leu Arg Ile Ala Thr Pro Gln Ile Val Ile Asn Tyr Ala Met Phe Leu
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Glu Glu His Lys Tyr Phe Glu Glu Ser Phe Lys Ala Tyr Glu Arg Gly
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Ile Ser Leu Phe Lys Trp Pro Asn Val Ser Asp Ile Trp Ser Thr Tyr
545 550 555 560

Leu Thr Lys Phe Ile Ala Arg Tyr Gly Gly Arg Lys Leu Glu Arg Ala

565 570 575

Arg Asp Leu Phe Glu Gln Ala Leu Asp Gly Cys Pro Pro Lys Tyr Ala
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Lys Thr Leu Tyr Leu Leu Tyr Ala Gln Leu Glu Glu Glu Trp Gly Leu
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Ala Arg His Ala Met Ala Val Tyr Glu Arg Ala Thr Arg Ala Val Glu 610 620

Pro Ala Gln Gln Tyr Asp Met Phe Asn Ile Tyr Ile Lys Arg Ala Ala 625 630 635 640

Glu Ile Tyr Gly Val Thr His Thr Arg Gly Ile Tyr Gln Lys Ala Ile
645 650 655

Glu Val Leu Ser Asp Glu His Ala Arg Glu Met Cys Leu Arg Phe Ala 660 665 670

Asp Met Glu Cys Lys Leu Gly Glu Ile Asp Arg Ala Arg Ala Ile Tyr
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Ser Phe Cys Ser Gln Ile Cys Asp Pro Arg Thr Thr Gly Ala Phe Trp
690 695 700

Gln Thr Trp Lys Asp Phe Glu Val Arg His Gly Asn Glu Asp Thr Ile
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Lys Glu Met Leu Arg Ile Arg Arg Ser Val Gln Ala Thr Tyr Asn Thr
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Gln Val Asn Phe Met Ala Ser Gln Met Leu Lys Val Ser Gly Ser Ala
740 745 750

Thr Gly Thr Val Ser Asp Leu Ala Pro Gly Gln Ser Gly Met Asp Asp
755 760 765

Met Lys Leu Leu Glu Gln Arg Ala Glu Gln Leu Ala Ala Glu Ala Glu
770 775 780

Arg Asp Gln Pro Leu Arg Ala Gln Ser Lys Ile Leu Phe Val Arg Ser 785 790 795 800

Asp Ala Ser Arg Glu Glu Leu Ala Glu Leu Ala Gln Gln Val Asn Pro 805 810 815

Glu Glu Ile Gln Leu Gly Glu Asp Glu Asp Glu Asp Glu Met Asp Leu 820 825 830

Glu Pro Asn Glu Val Arg Leu Glu Gln Gln Ser Val Pro Ala Ala Val 835 840 845

Phe Gly Ser Leu Lys Glu Asp 850 855